

**SYSTEM AND METHOD FOR TESTING A COMPONENT IN A  
COMPUTER SYSTEM USING VOLTAGE MARGINING**

**Abstract**

5           A computer system comprising a first processor that is configured to  
cause an operating system to be booted, a test module, a component coupled to  
the test module, and a power supply coupled to the test module and the  
component is provided. The test module is configured to provide a first signal to  
10 the power supply to cause a first voltage to be provided to the component, and  
the test module is configured to cause a first test to be performed on the  
component subsequent to the first voltage being provided to the component and  
the operating system being booted.

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